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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete If Known	
		Application Number	09/887,778
		Filing Date	06/22/2001
		First Named Inventor	Carl M. Panasik, Et al.
		Group Art Unit	2681
		Examiner Name	TBD
Sheet 1 of 2	Attorney Docket No.	TL-32891	

U.S. PATENT DOCUMENTS						
Exam. Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
A.P.	AA	6,219,540 B1		Besharat et al.	04/17/2001	
	AB					
	AC					
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	AE					
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	AH					
	AI					
	AJ					
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FOREIGN PATENT DOCUMENTS								
Exam. Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
A.P.	BA		EP 0 946 070 A3		NEC Corporation	05/07/2000		
A.P.	BB		WO 00/04649		Nokia Networks	27/01/2000		
	BC							
	BD							
	BE							
	BF							
	BG							
	BH							
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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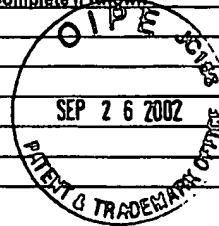
PTO/SB/08A (08-00)

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				Group Art Unit	
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Sheet	2	of	2	Attorney Docket No.	



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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